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Listing of the claims:

1. (Currently Amended) An oven comprising:
a charging portion for receiving material to be treated;
a rotatable changeover portion comprising an outer chamber and an inner treatment chamber within the outer chamber;
and means to heat the inner treatment chamber externally thereof; and
an array of inlet nozzles located adjacent a first side wall of the inner treatment chamber for introducing a flow of hot gasses through the inner treatment chamber;
the oven being moveable between a first position in which the changeover portion is generally higher than the charging portion and a second portion in which the charging portion is generally higher than the changeover portion;
the inner treatment chamber being adapted to receive material from the charging portion as the oven moves from the first position to the second position.

2. (Previously Presented) An oven as claimed in claim 1, wherein means are provided for introducing a flow of hot gases through the outer treatment chamber so that, in use, the gases flow around at least part of the external surfaces of the inner treatment chamber to heat the inner treatment chamber externally.

3. (Cancelled.)

4. (Cancelled)

5. (Cancelled)

6. (Cancelled)

7. (Currently Amended) An oven as claimed in claim 6, 1 in which the means for introducing a flow of hot gases through the inner treatment

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chamber further comprises an outlet vent through which the gases can exit the inner treatment chamber.

8. (Original) An oven as claimed in claim 7, in which the outlet vent is located in a second side wall of the inner treatment chamber opposite from the first wall.

9. (Currently Amended) An oven as claimed in claim-6 L, in which the outlet vent is positioned such that, in use, as the oven moves between the first and second positions, the material passing between the charging box and the inner treatment chamber does not fall through the outlet vent.

10. (Previously Presented) An oven as claimed in claim 1, in which the oven is rotated in a first direction as it moves from the first position to the second position and is rotated in the opposite direction as it moves from the second position to the first position.

11. (Previously Presented) An oven as claimed in claim 2 further comprising means for introducing a flow of hot gases through the inner treatment chamber, in which the oven further comprises a control means for regulating at least one of the flow and the oxygen content of gases passing through the outer treatment chamber.

12. (Previously Presented) An oven as claimed in claim 11 in which the control means is also adapted to regulate at least one of the flow and oxygen level of the gases flowing through the inner treatment chamber independently of the gases flowing through the outer treatment chamber.

13. (Cancelled)

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14. (New) An oven as claimed in claim 1 wherein the oven is movable between first and second positions by at least one motor.

15. (New) An oven as claimed in claim 1 wherein the oven is movable between first and second positions by at least one hydraulic motor and ram arrangement.

16. (New) An oven as claimed in claim 15 wherein the ram arrangement includes a pneumatic ram.

17. (New) An oven as claimed in claim 1 further comprising control means to regulate the operating conditions of the oven.

18. (New) An oven as claimed in claim 17 wherein said control means regulates the flow of oxygen to the oven.

19. (New) An oven as claimed in claim 17 wherein the control means controls the operating temperature of the oven.